

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
 Data File : BE097731.D
 Acq On : 4 Oct 2018 18:36
 Operator : SJ/JU
 Sample : J5220-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TS-03

Manual Integrations
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 10/5/2018 5:24:09 PM

Quant Time: Oct 05 07:43:23 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 03 12:17:19 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3552	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	14153	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	8453	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	24725	0.40	ng	0.00
27) Chrysene-d12	21.49	240	31974	0.40	ng	0.00
34) Perylene-d12	24.04	264	31015	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.47	112	1266	0.15	ng	0.00
5) Phenol-d6	7.05	99	1193	0.09	ng	0.00
8) Nitrobenzene-d5	9.04	82	2567m	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8552	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	742	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	18133	0.49	ng	-0.02
25) Fluoranthene-d10	19.33	212	135521	0.43	ng	0.00
29) Terphenyl-d14	19.93	244	27856	0.43	ng	0.00

Target Compounds

						Qvalue
9) Naphthalene	10.74	128	463877	3.252	ng	99
12) 2-Methylnaphthalene	12.37	142	27578	1.208	ng	98
16) Acenaphthylene	14.27	152	2388	0.064	ng	# 78
17) Acenaphthene	14.61	154	5853	0.244	ng	97
18) Fluorene	15.59	166	12300	0.386	ng	97
23) Phenanthrene	17.34	178	26461	0.415	ng	99
24) Anthracene	17.43	178	1664	0.030	ng	# 91
26) Fluoranthene	19.36	202	6702	0.083	ng	# 95
28) Pyrene	19.72	202	5871	0.072	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.41	149	15011	0.239	ng	# 99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

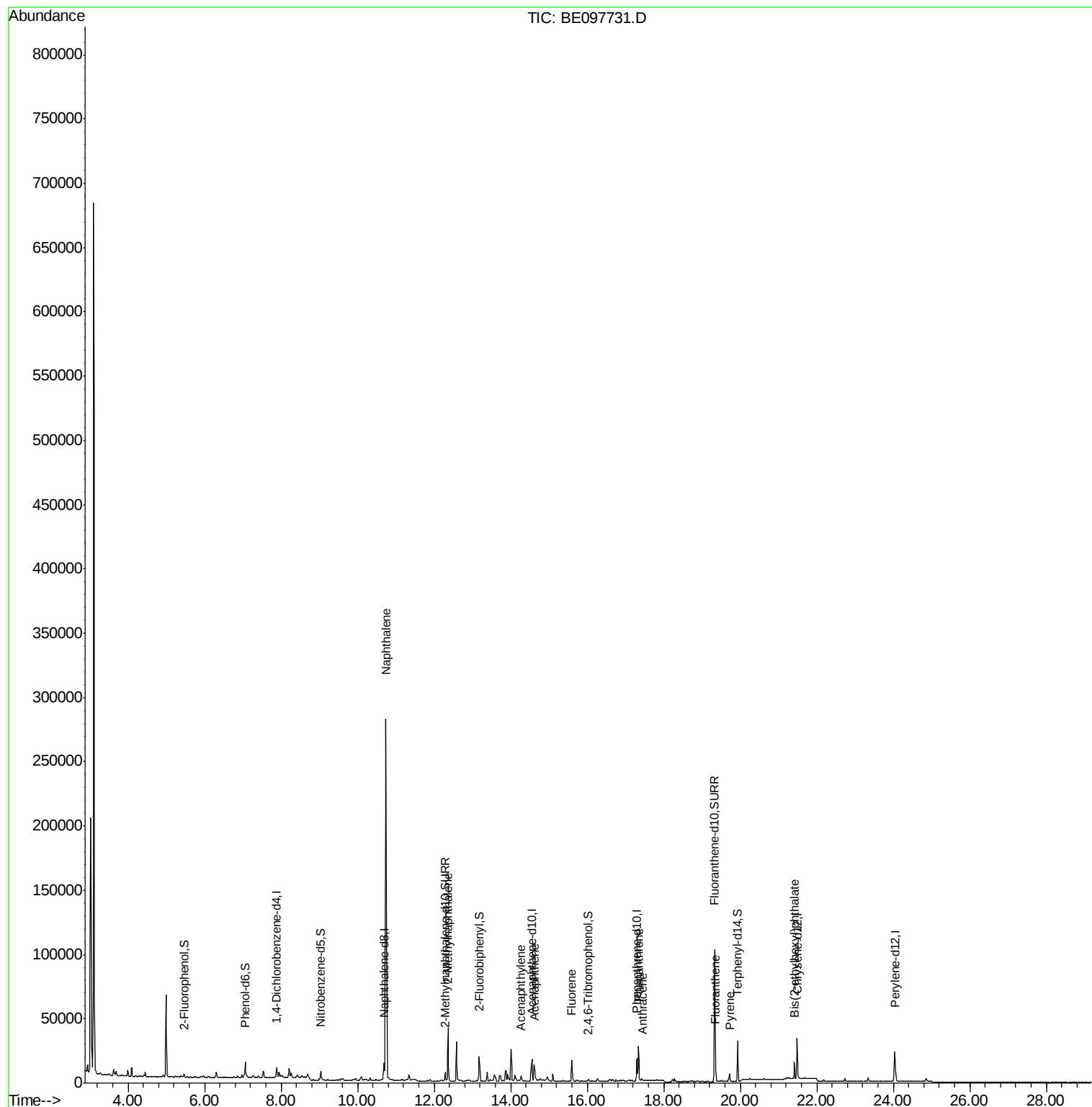
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
Data File : BE097731.D
Acq On : 4 Oct 2018 18:36
Operator : SJ/JU
Sample : J5220-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

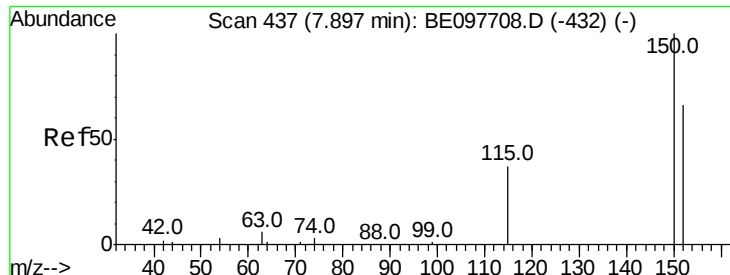
Instrument :
BNA_E
ClientSampleId :
TS-03

Quant Time: Oct 05 07:43:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

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#1

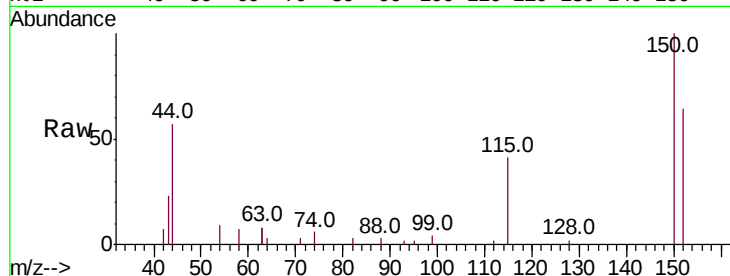
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampled :
TS-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	120.9	181.3
115	63.9	46.6	69.8

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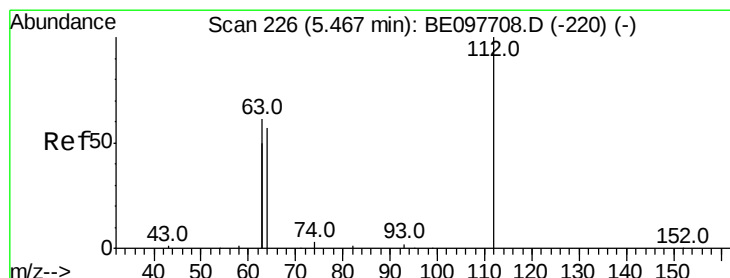
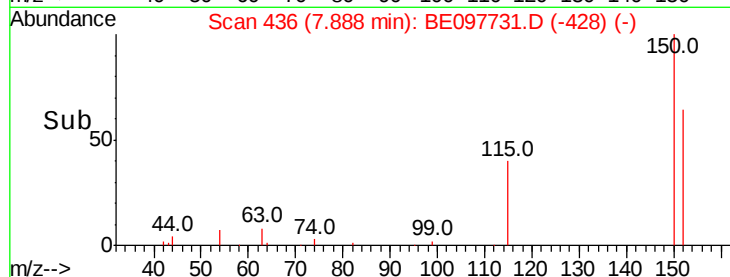
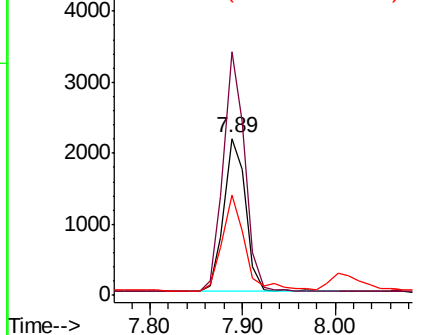


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

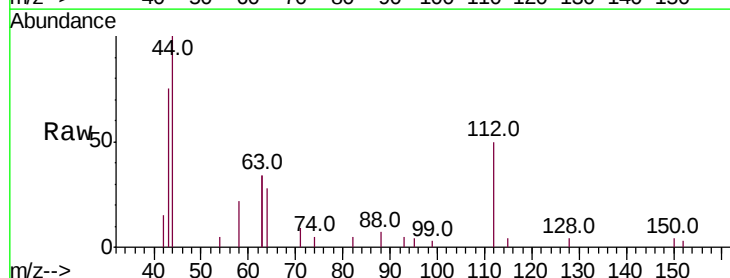
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.151 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	56.6	84.8
63	144.4	119.4	179.0

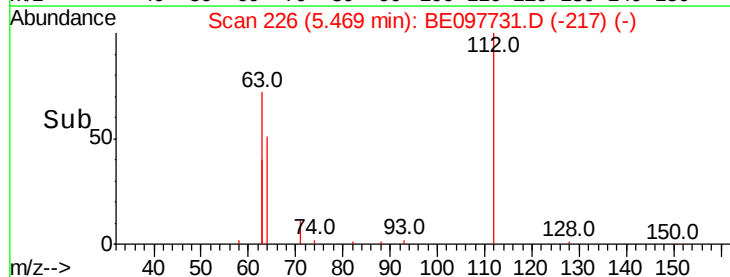
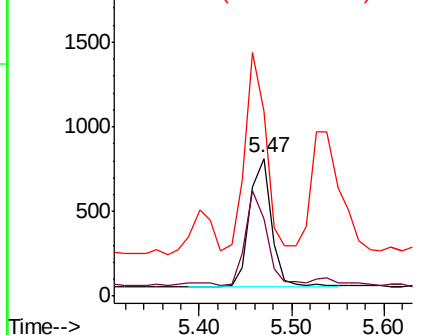


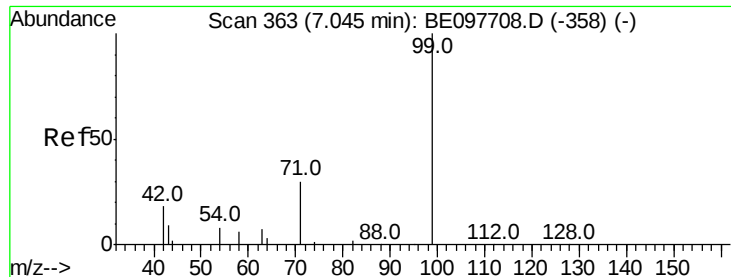
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.093 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097731.D

Acq: 4 Oct 2018 18:36

Instrument :

BNA_E

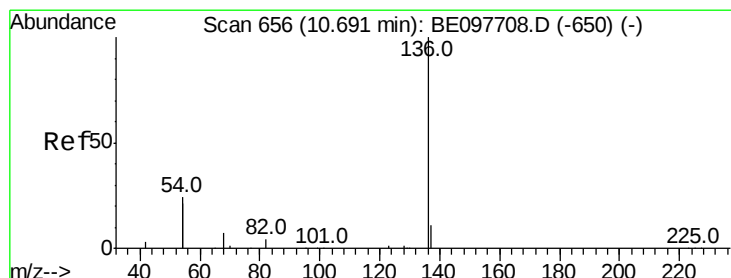
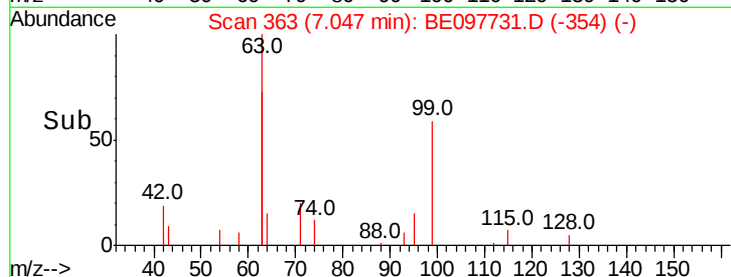
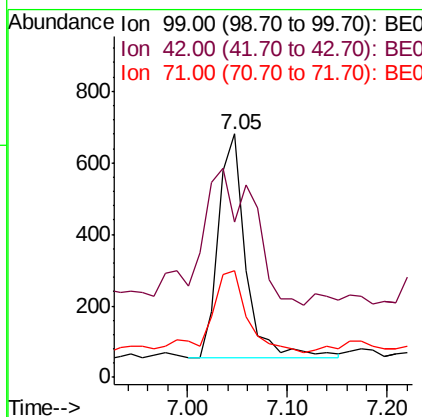
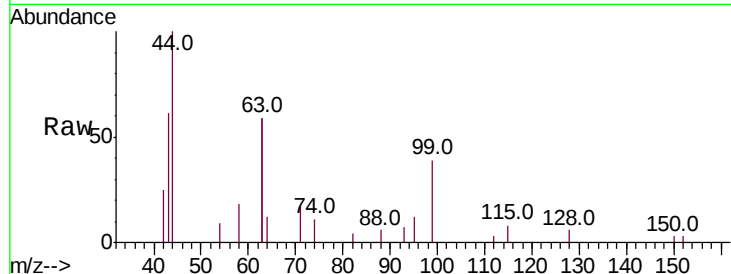
ClientSampled :

TS-03

Tot Ion:	99	Resp:	1193
Ion	Ratio	Lower	Upper
99	100		
42	119.5	19.9	29.9#
71	50.3	25.4	38.2#

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#7

Naphthalene-d8

Concen: 0.400 ng

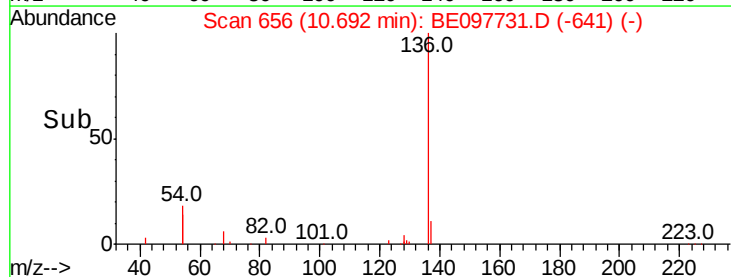
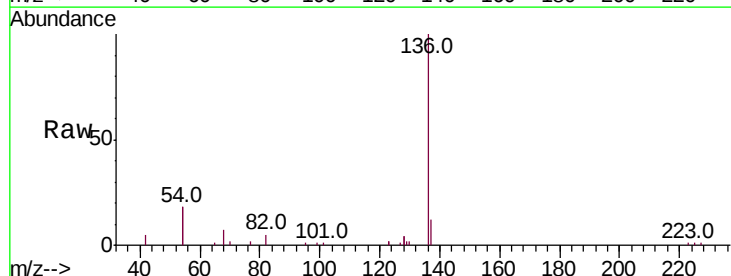
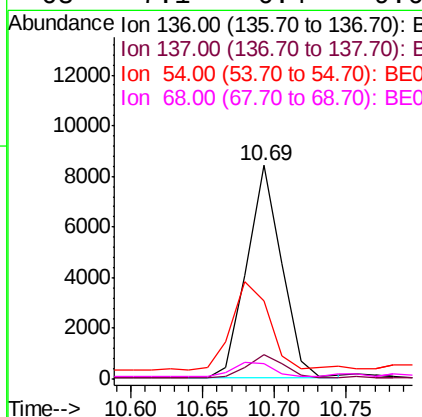
RT: 10.69 min Scan# 656

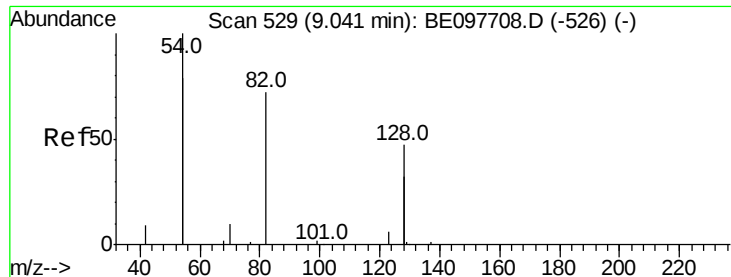
Delta R.T. 0.00 min

Lab File: BE097731.D

Acq: 4 Oct 2018 18:36

Tgt Ion:	136	Resp:	14153
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	36.6	37.8	56.6#
68	7.1	6.4	9.6





#8

Nitrobenzene-d5

Concen: 0.559 ng/mL

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097731.D

Acq: 4 Oct 2018 18:36

Instrument :

BNA_E

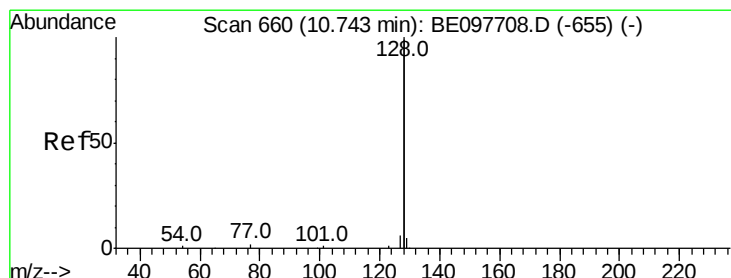
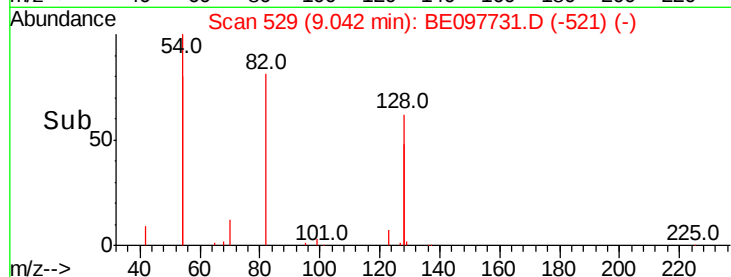
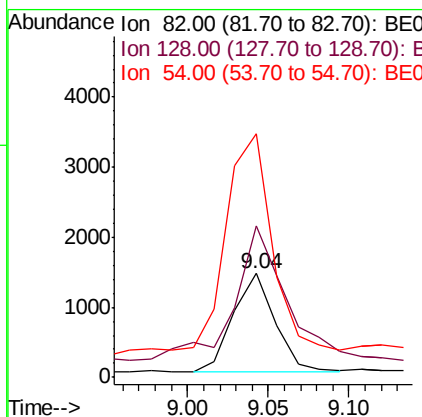
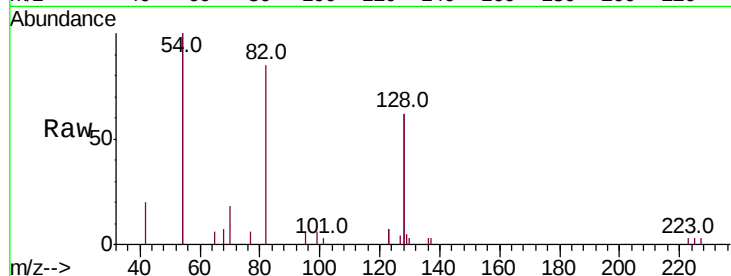
ClientSampled :

TS-03

Tot Ion	Ratio	Lower	Upper
82	100		
128	73.2	97.0	145.4#
54	117.5	206.9	310.3#

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#9

Naphthalene

Concen: 3.252 ng

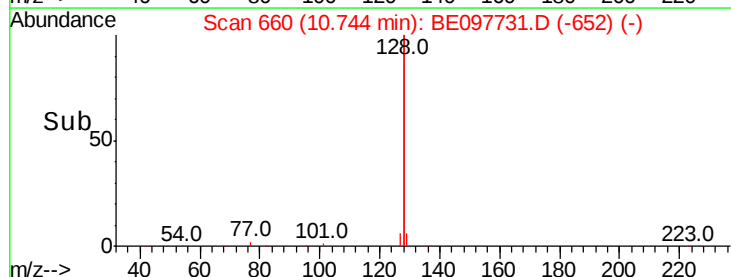
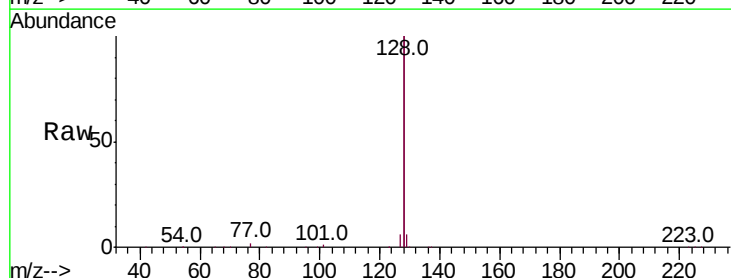
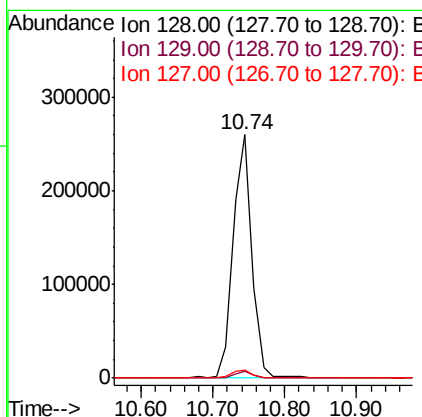
RT: 10.74 min Scan# 660

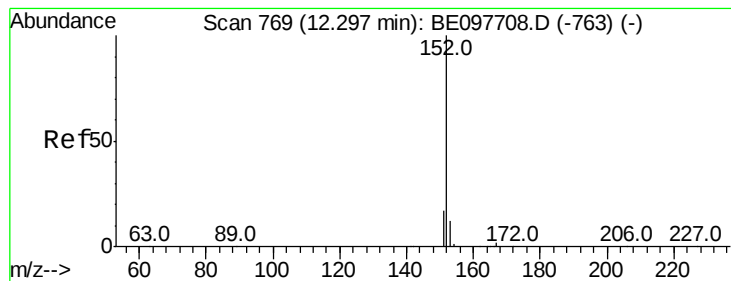
Delta R.T. 0.00 min

Lab File: BE097731.D

Acq: 4 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.2
127	3.2	2.7	4.1





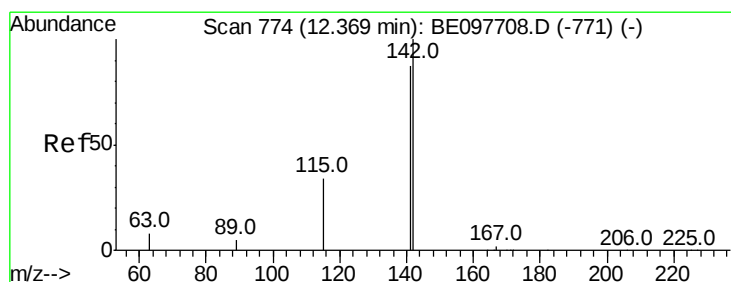
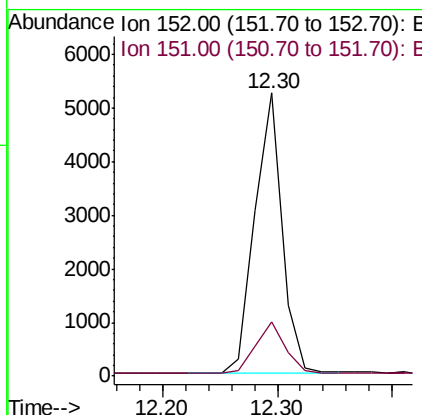
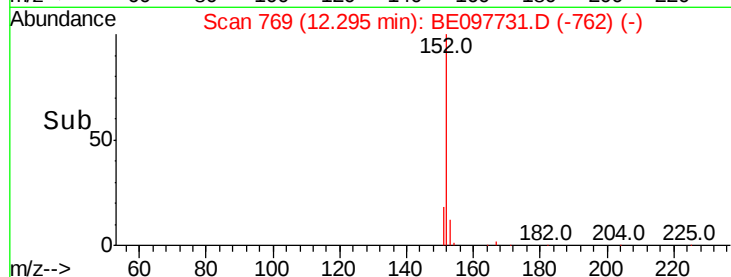
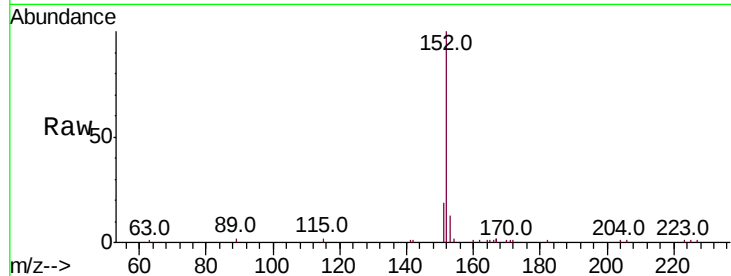
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2

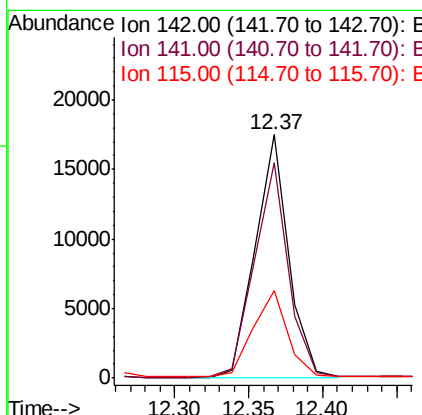
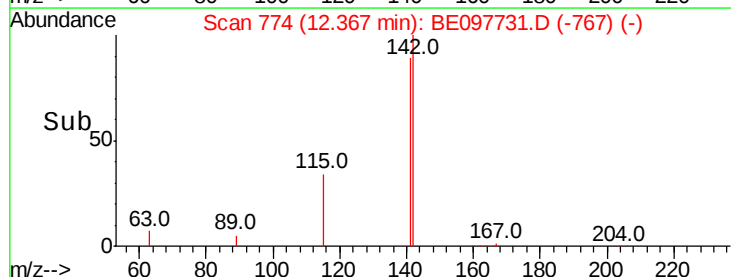
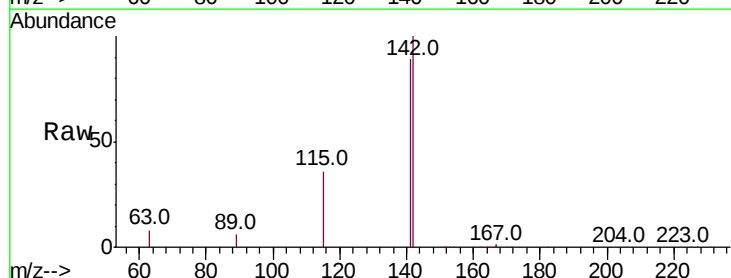
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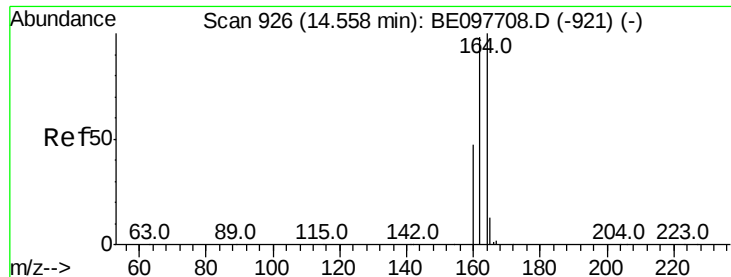
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#12
2-Methylnaphthalene
Concen: 1.208 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.4	104.2
115	35.8	28.0	42.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097731.D

Acq: 4 Oct 2018 18:36

Instrument :

BNA_E

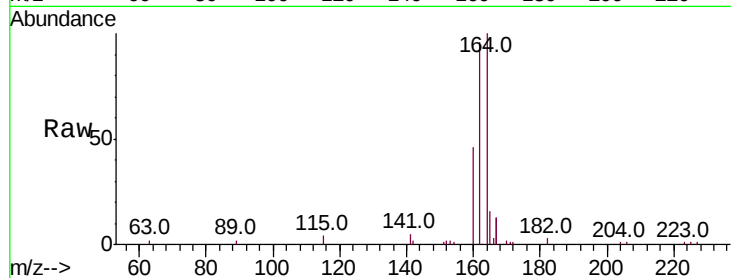
ClientSampleId :

TS-03

Tot Ion:164	Resp:	8453
Ion Ratio	Lower	Upper
164	100	
162	96.4	78.6 117.8
160	46.4	37.8 56.6

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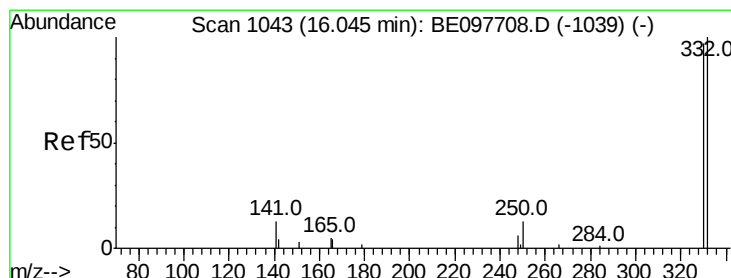
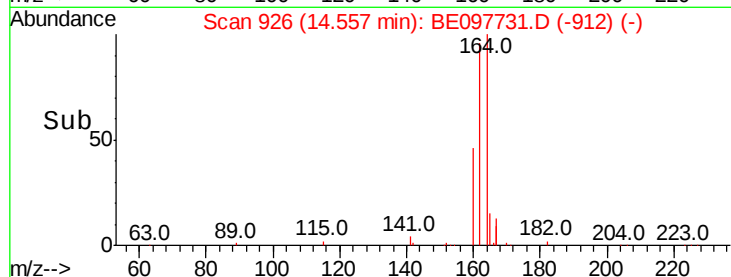
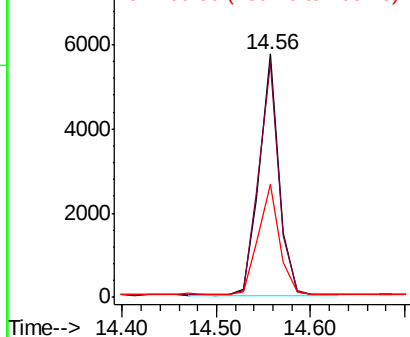


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.484 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097731.D

Acq: 4 Oct 2018 18:36

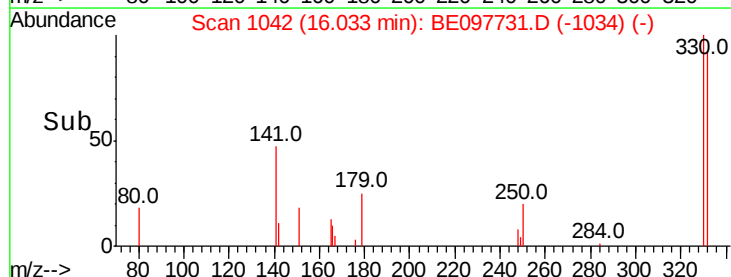
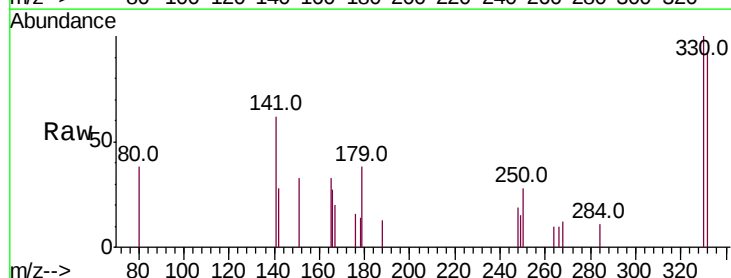
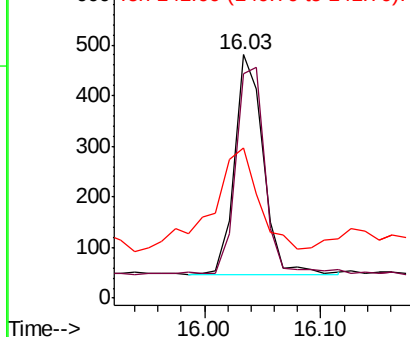
Tgt Ion:330	Resp:	742
Ion Ratio	Lower	Upper
330	100	
332	98.5	83.5 125.3
141	71.8	34.9 52.3#

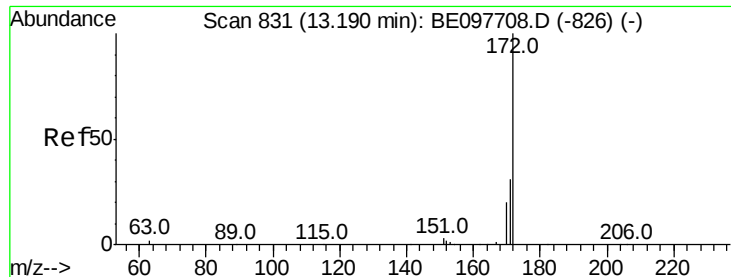
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





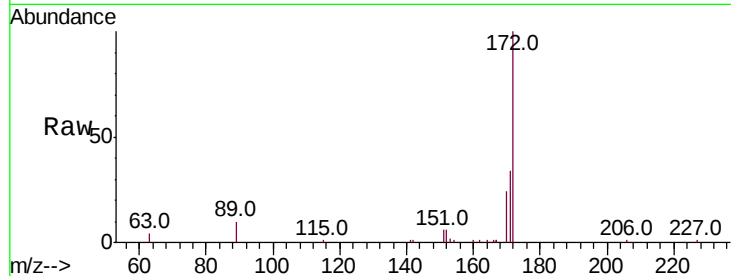
#15
2-Fluorobiphenyl
Concen: 0.487 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampled :
TS-03

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	25.2	37.8
170	24.2	16.2	24.2

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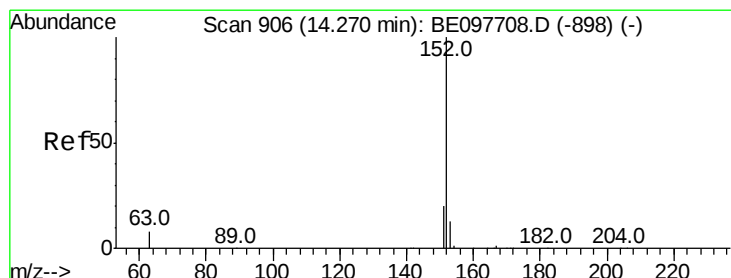
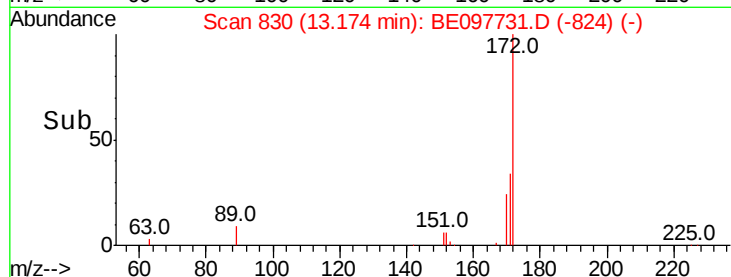
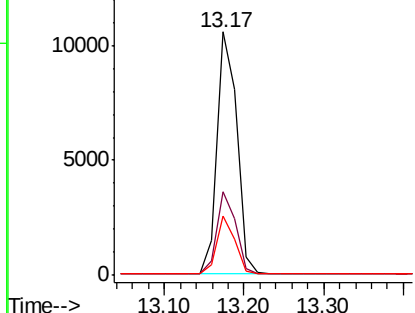


Abundance

Ion 172.00 (171.70 to 172.70): E

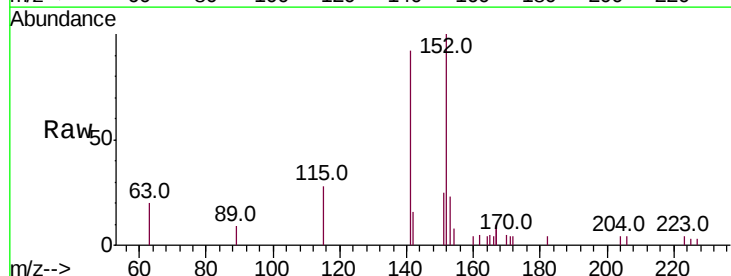
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.064 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.3	15.3	22.9#
153	25.7	10.8	16.2#

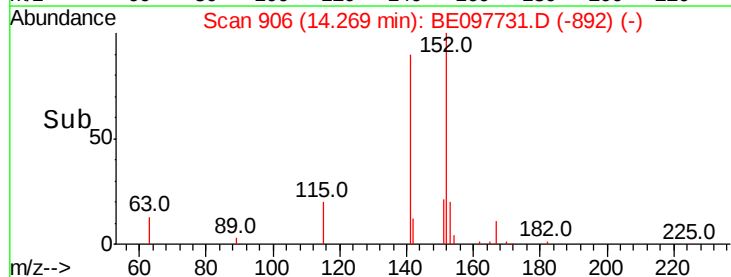
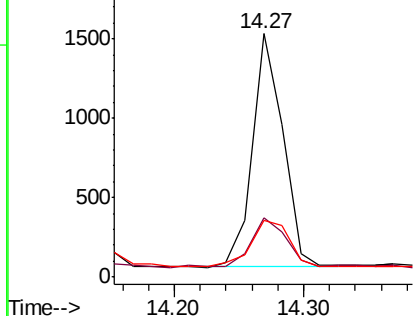


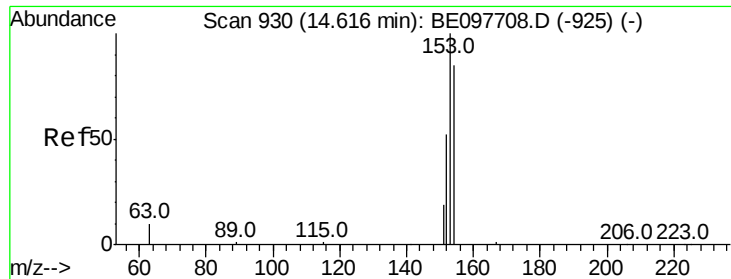
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





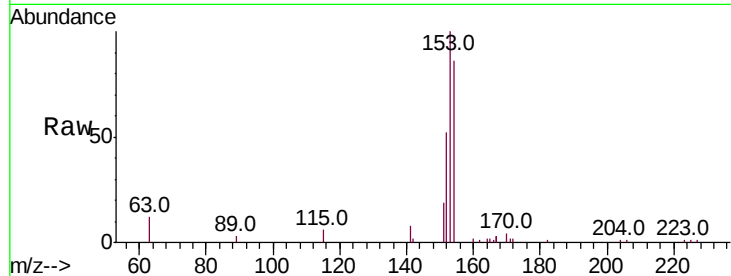
#17
Acenaphthene
Concen: 0.244 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tot Ion	Ratio	Lower	Upper
154	100		
153	118.8	93.3	139.9
152	64.2	48.9	73.3

Manual Integrations
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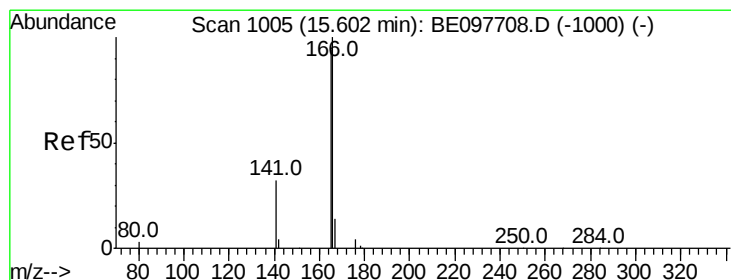
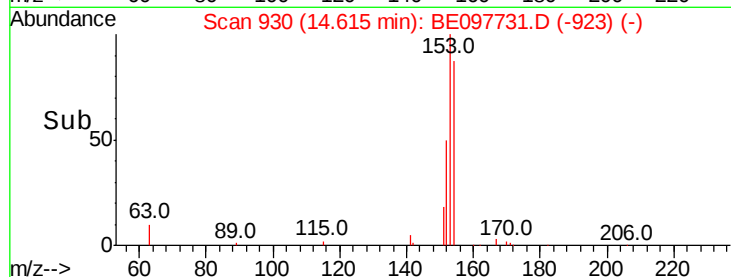
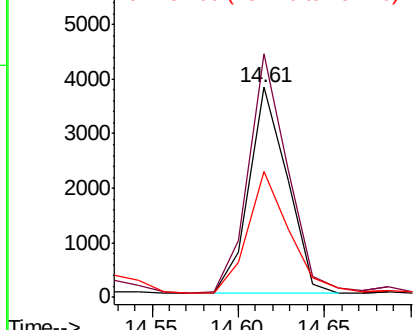


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.386 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

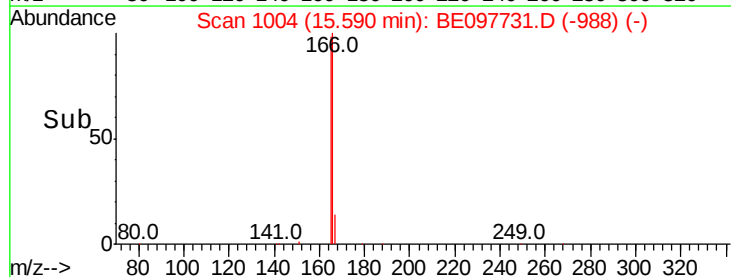
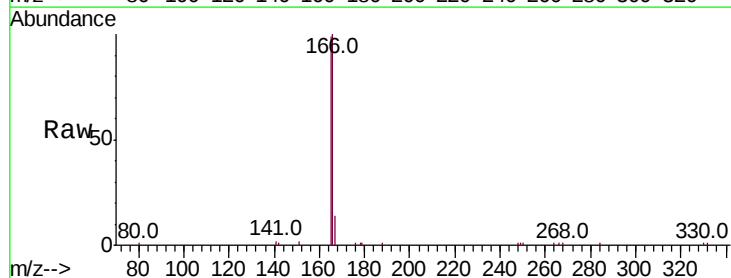
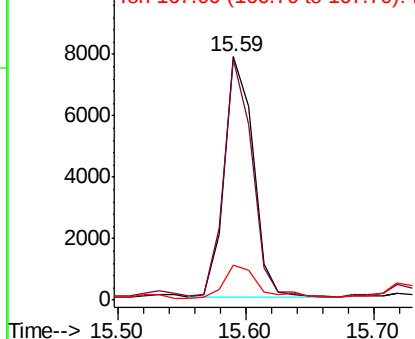
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.0	118.4
167	16.4	11.1	16.7

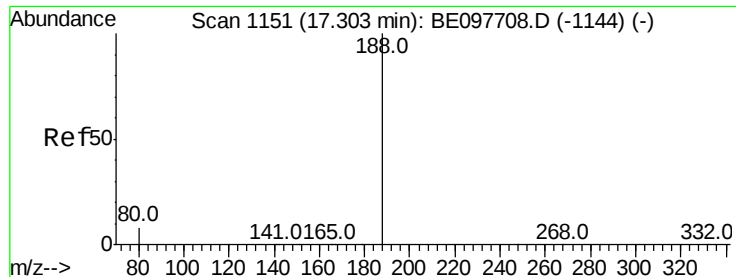
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





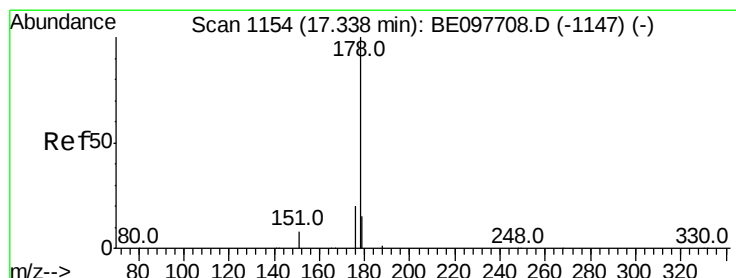
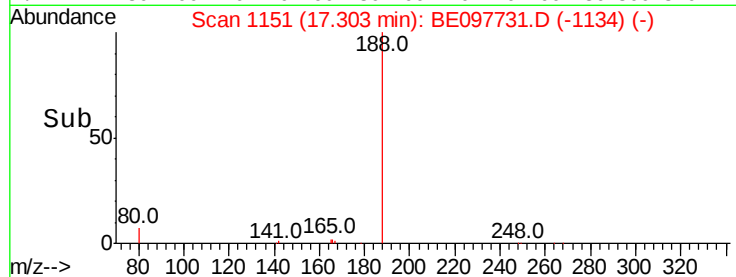
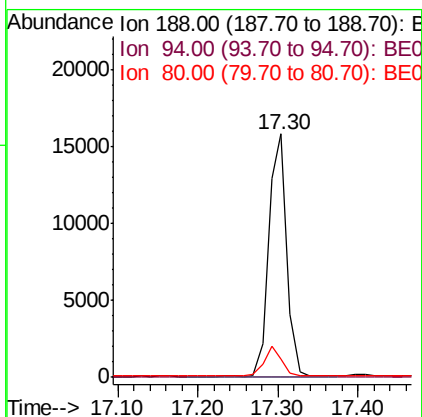
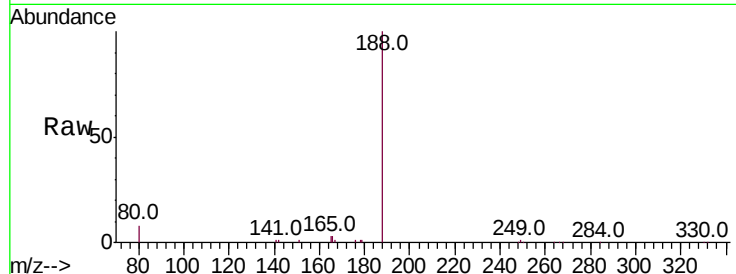
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.6	9.8

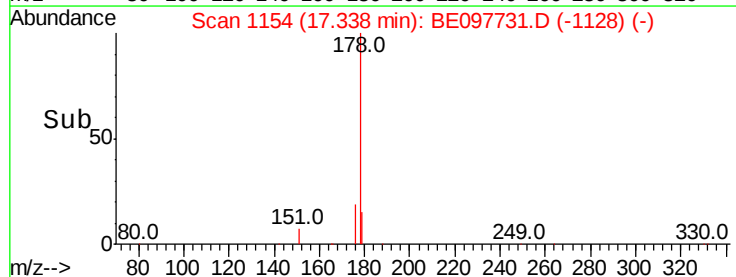
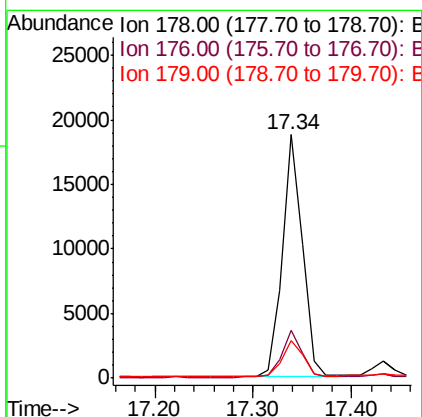
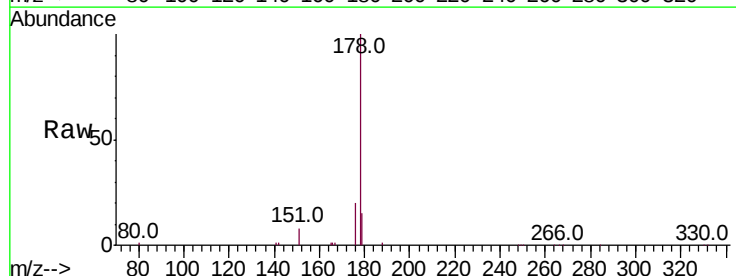
Manual Integrations
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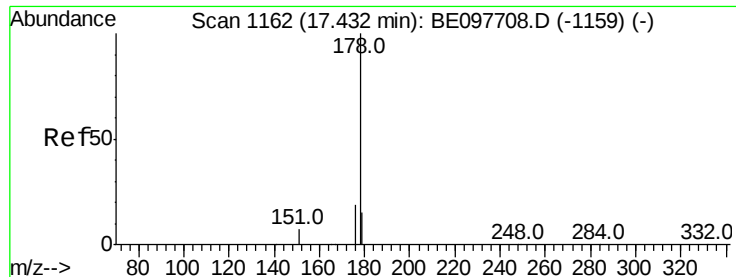
Sohil
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#23
Phenanthrene
Concen: 0.415 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.3	15.4	23.2
179	16.0	12.2	18.4





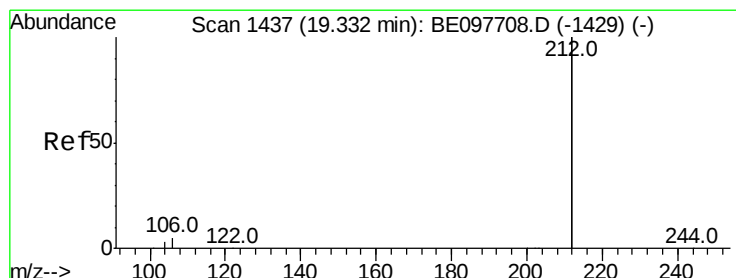
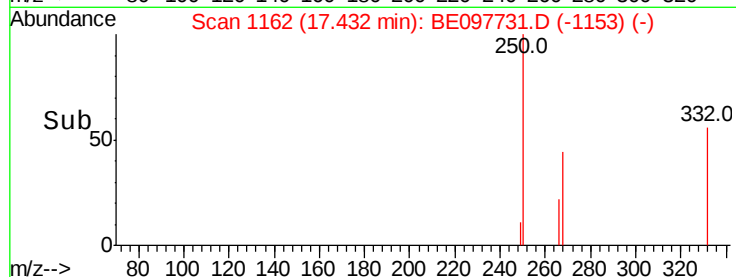
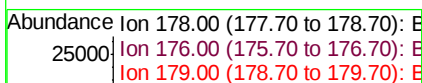
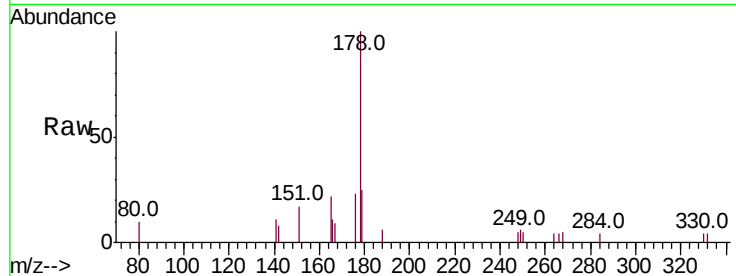
#24
 Anthracene
 Concen: 0.030 ng
 RT: 17.43 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BE097731.D
 Acq: 4 Oct 2018 18:36

Instrument :
 BNA_E
 ClientSampled :
 TS-03

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.1	22.7
179	21.6	12.2	18.2

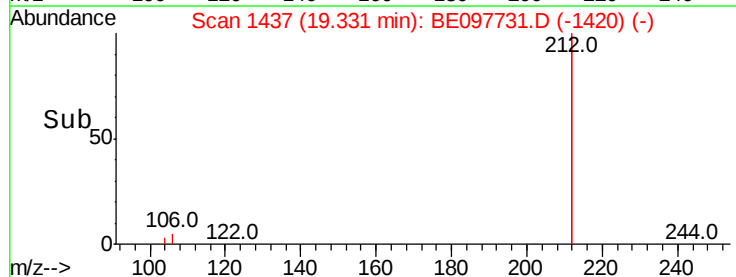
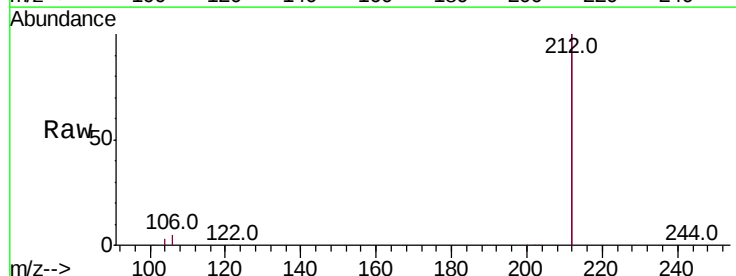
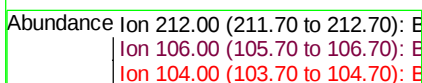
Manual Integrations
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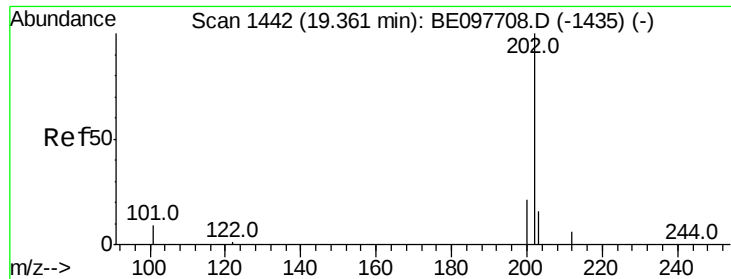
Sohil
 10/5/2018 5:24:09 PM



#25
 Fluoranthene-d10
 Concen: 0.433 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE097731.D
 Acq: 4 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.6	1.2	1.8





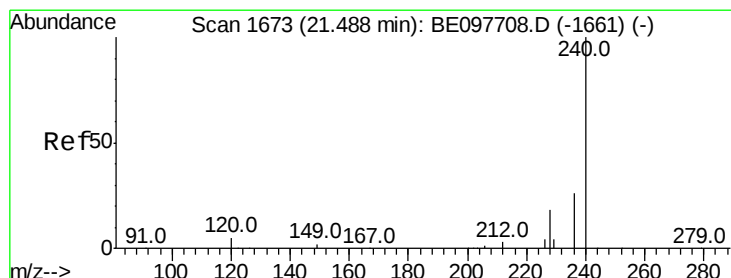
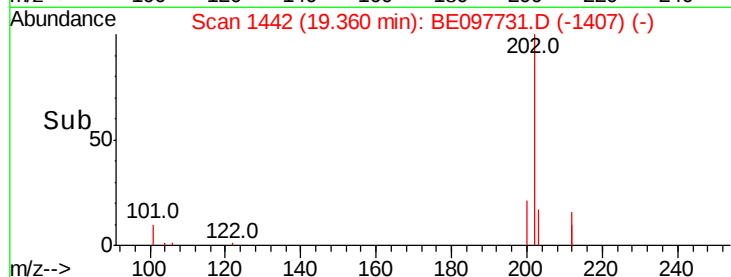
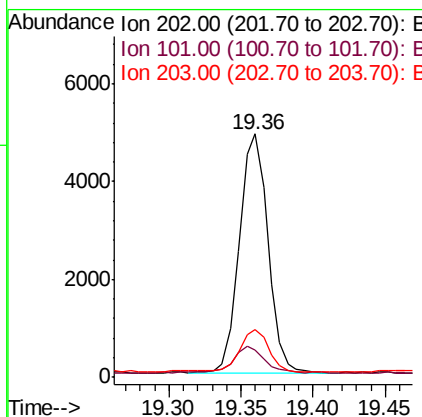
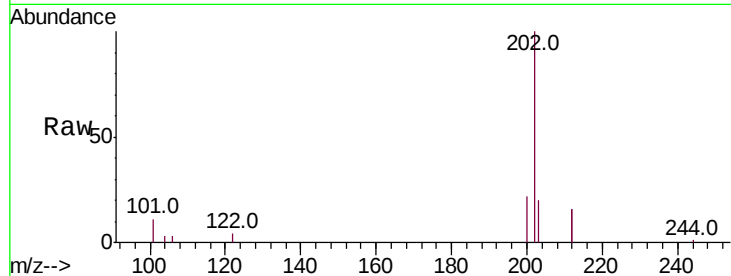
#26
Fluoranthene
 Concen: 0.083 ng
 RT: 19.36 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BE097731.D
 Acq: 4 Oct 2018 18:36

Instrument :
 BNA_E
 ClientSampled :
 TS-03

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	7.8	11.8#
203	18.1	13.8	20.6

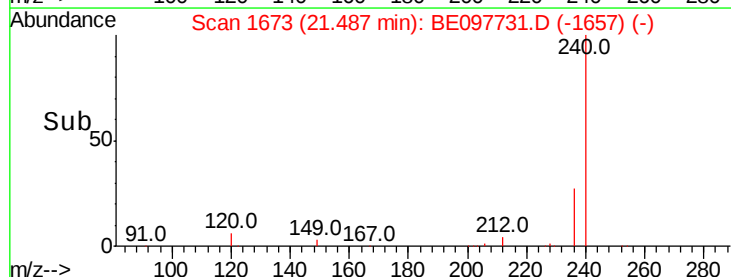
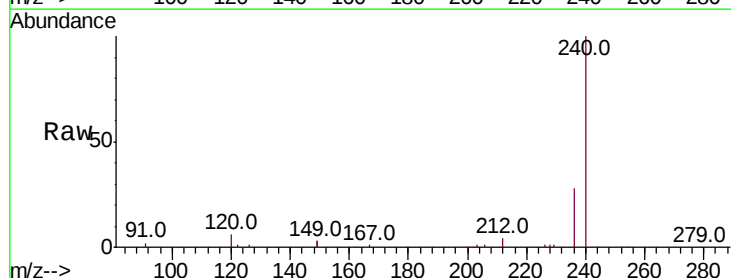
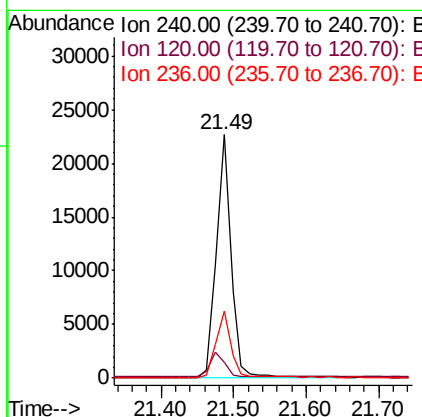
Manual Integrations
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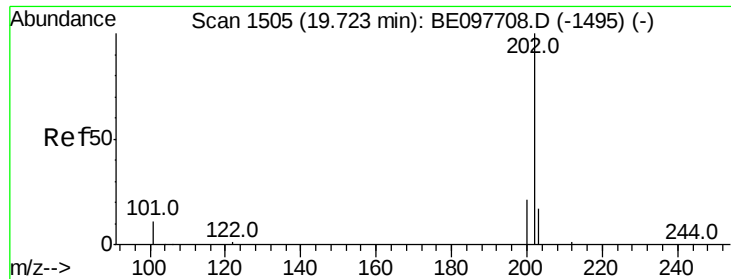
Sohil
 10/5/2018 5:24:09 PM



#27
Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BE097731.D
 Acq: 4 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.7	7.1
236	27.7	20.8	31.2





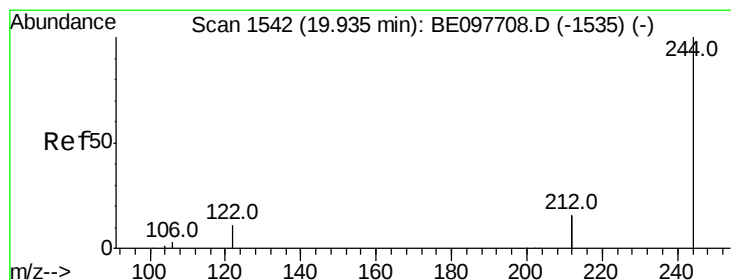
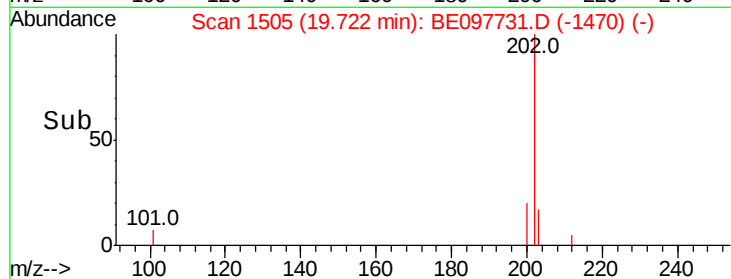
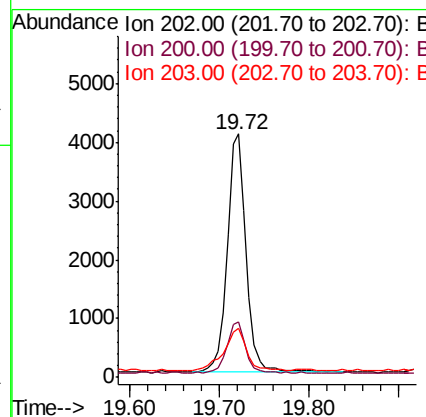
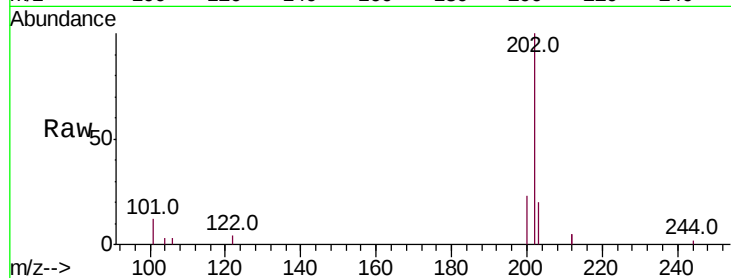
#28
Pvrene
Concen: 0.072 ng
RT: 19.72 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampled :
TS-03

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	22.4	13.9	20.9

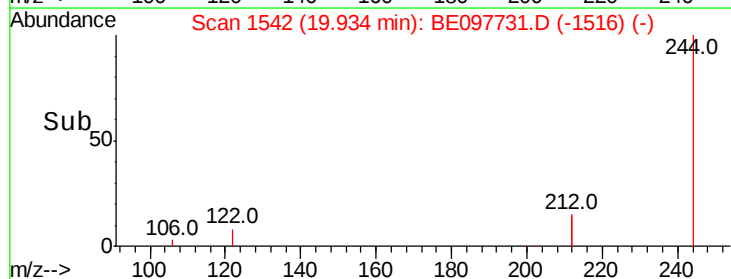
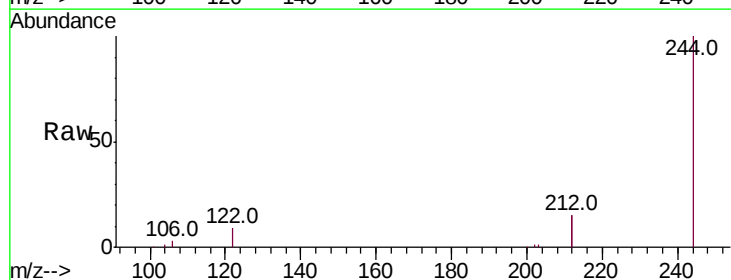
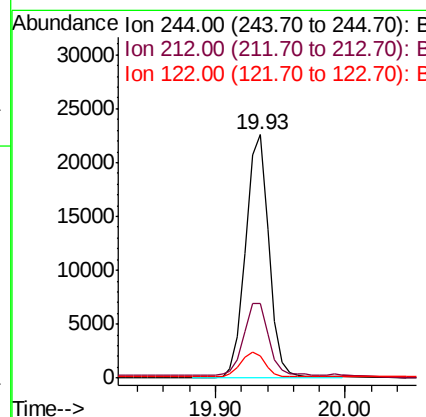
Manual Integrations
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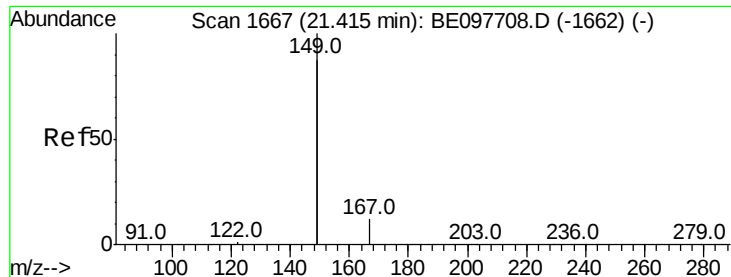
Sohil
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#29
Terphenyl-d14
Concen: 0.427 ng
RT: 19.93 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	30.9	25.8	38.8
122	9.0	8.7	13.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.239 ng

RT: 21.41 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097731.D

Acq: 4 Oct 2018 18:36

Instrument :

BNA_E

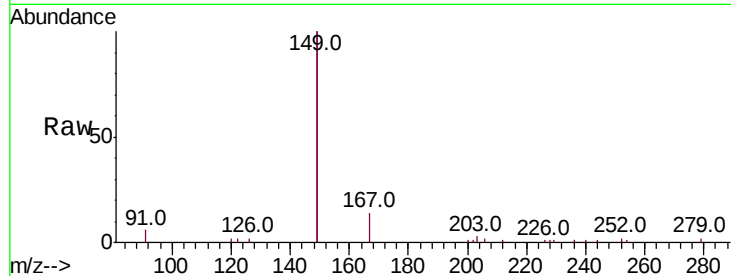
ClientSampleId :

TS-03

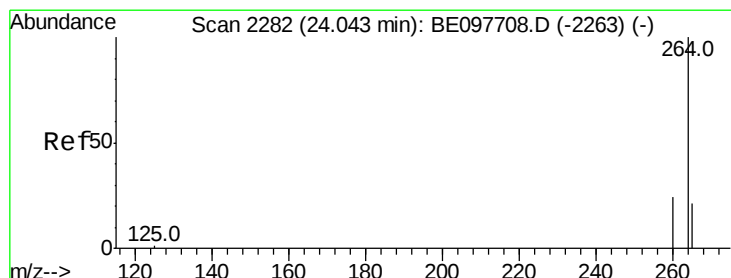
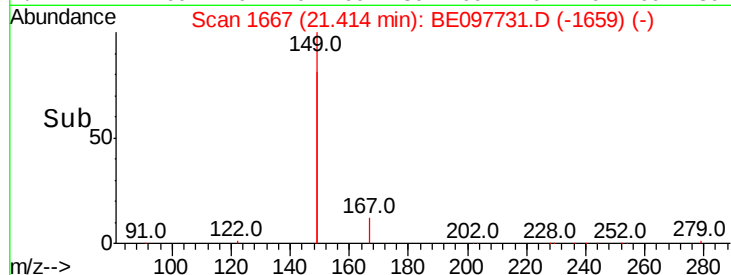
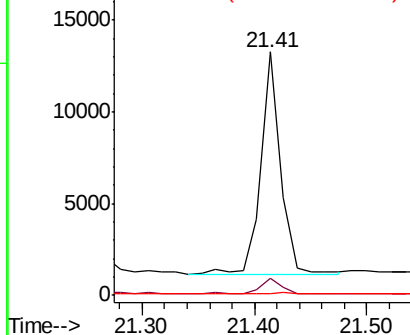
Tot Ion:	149	Resp:	15011
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.5	8.3
279	1.4	0.9	1.3#

Manual Integrations
APPROVED

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10/5/2018 5:24:09 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

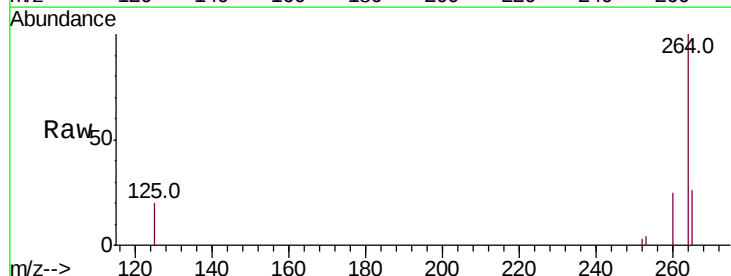
RT: 24.04 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE097731.D

Acq: 4 Oct 2018 18:36

Tgt Ion:	264	Resp:	31015
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.1	28.7
265	26.2	21.9	32.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

